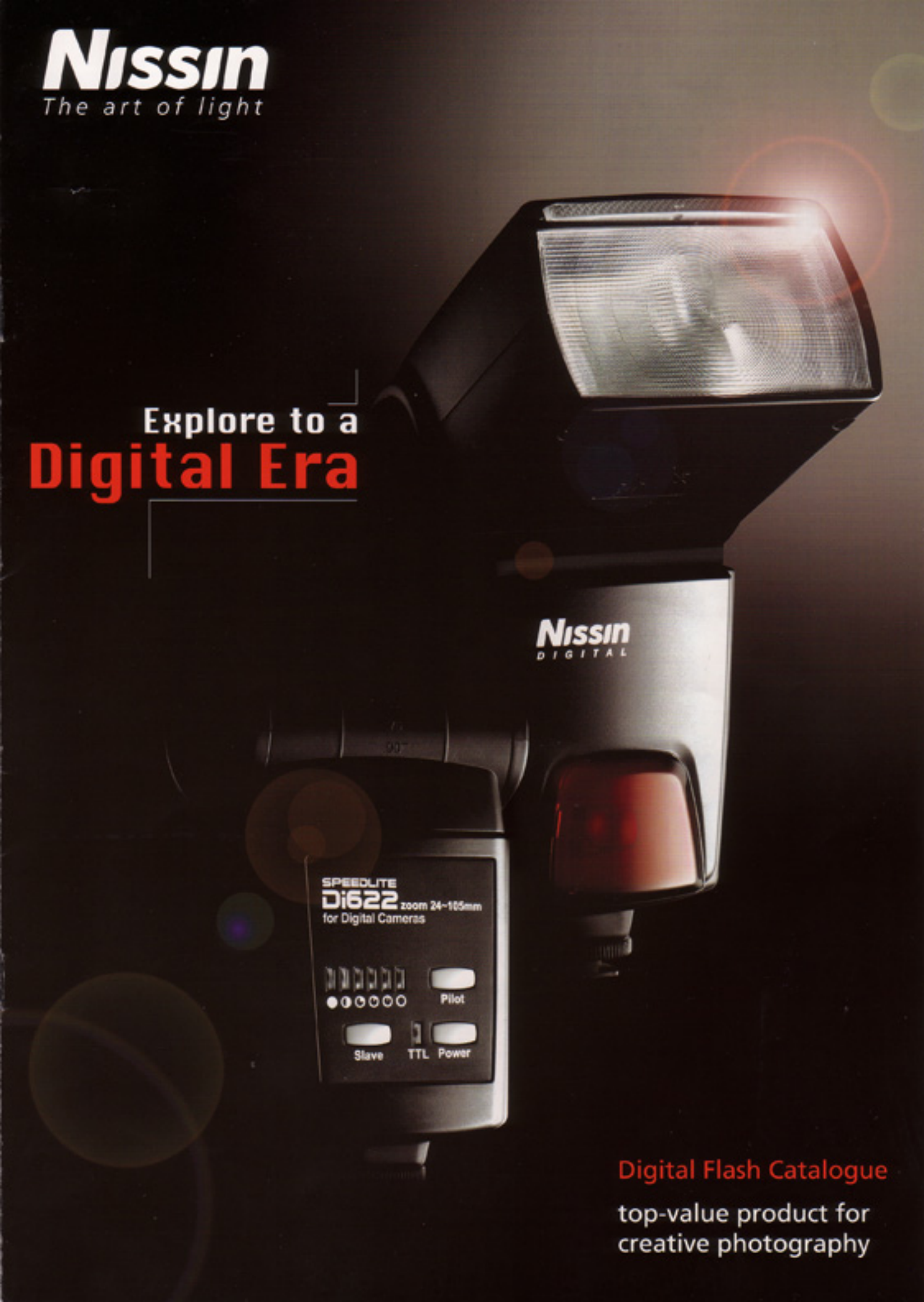
Nissin
The art of light

Explore to a Digital Era



Digital Flash Catalogue

top-value product for
creative photography

INTRODUCTION TO DIGITAL WORLD

SPEEDLITE Di622 digital flash

GN 62 | AF Light | W/D | REF | Easy to Use | ETTL | iTTL | POWER | 1/1-1/32 MP | Energy Saving | HS 1/250

Di622 was specially developed for latest and most popular digital hotshoe cameras. High power clip on flash with digital TTL metering, slave-synchro system, power zoom lighting, double power saving of sleep mode plus auto shutt-off circuit. Minor and or confusing functions were elimated, making it simple and easy to use.

TTL flash exposure

The latest TTL metering technology is installed. ETTL flash exposure for Canon, iTTL flash exposure for Nikon digital hotshoe cameras.

Diffuser and Reflector

Wide angle diffuser and catch light reflector, incorporated, soften the flash light to subject.

Turning head

Bounce the light, extending your range of photographic expression by variety of lighting direction.

Normal

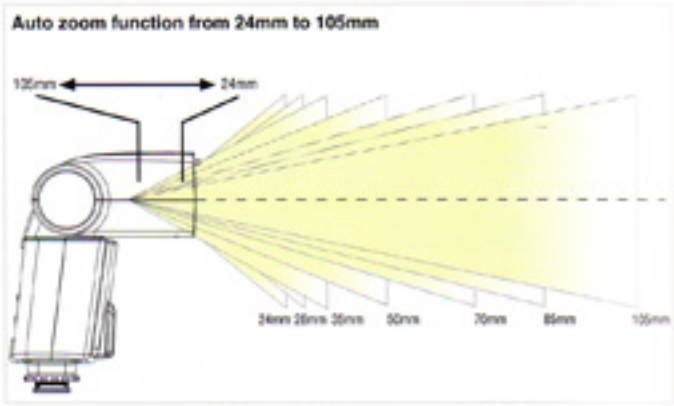
Normal + slave

Wireless Remote Flash

Slave synchro flash system increases light source. 6 different power can be chosen. Plural light source and variety of power ratio produce a creative flash photography.

Power Zoom Light

The power zoom flash head automatically links to the zoom lenss movement range from 24mm to 105mm.



Easy to use

No functions are hidden by confusing menu. Plug it, Play it, Simple!

Specifications

Guide number	62 at 105mm zoom position ISO200
Power source	Four AA alkaline or AA or NiMH batteries
Charging time	6 seconds with alkaline batteries, Approx 4 seconds with Ni-MH batteries
Number of flashes	Approx 200 flashes with alkaline batteries
Illumination angle	Automatically set with the focal length of the lens. Range from 24mm to105mm
AF assist light	High power red LED
Auto-power off	Automatically turn the power off after 5 minutes idling
Power saving sleep mode	Automatically turn to sleep mode for power saving within 30 seconds idling
Bounce angle (up)	0,45,60,75,90 degrees
Bounce angle (Right)	0,30,60,90,120,150 degrees
Bounce angle (Left)	0,20,60,90 degrees
Weight	330g
Dimensions (W x H x D)	H 130mm x D 90mm x W 74mm
Compatible cameras	E-TTL, E-TTL II for Canon cameras, iTTL for Nikon camera

Speedlite Di481

GN 48 | ETTL | iTTL | MANUAL

AF Light | Energy Saving | Easy to Use

TTL metering system automatically control the power of flash light through the lens for correct exposure. No need to be confused by a complicated calculation formula and back plate guide table. Originally designed CPU enable the flash/ camera system function operates perfectly.

Bounce the light, or zoom the light intensity for more of lighting-up pictures.

Available in several versions:
- For Canon SLR cameras
- For Nikon SLR cameras
- For Sony SLR cameras

Specifications

Guide Number	48 (ISO 200)
Number of flashes	180 flashes
Recycle time	6 seconds
Power source	4 x AA(LR6) batteries
Autofocus assist light	LED (red) for max. 10 meters
Synchronization to the camera	Dedicated hot shoe
Zoom position	28mm-35mm-50mm-85mm
Bounce	90 degree upward
Dimensions (W x H x D)	72mm x 98mm x 80mm
Weight	220g without batteries

Speedlite Di255

GN 25 | ETTL | iTTL | W/D

AF Light | Energy Saving | Easy to Use

Fully dedicated operation with the major digital SLR and digital hotshoe cameras with TTL exposure control.

Infrared red light assist the auto-focus in poor light conditions. It's so compact and well designed to carry with your camera that you enjoy flash photographs at your party, leisure, vacation, trip and in many occasions.

Wide angle diffuser to cover 24mm lens.

Simple back table, dial switch for power on- off and one indication lamp showing both flash readiness in red and flash exposure verification in green.

Original camera shoe-lock system is provided to keep your camera or flash safe from drop-off while carrying them together.

Specifications

Guide Number	25 (ISO 200)
Number of flashes	70 flashes
Recycle time	8 seconds
Power source	2 x AAA(LR03) batteries
Autofocus assist light	LED (red) for max. 7 meters
Synchronization to the camera	Dedicated hot shoe
Wide Angle Diffuser	24mm
Dimensions (W x H x D)	54mm x 80mm x 31mm
Weight	90g without batteries

Speedlite DS-1

GN 28 | EX Auto | W/D

Compact light weight IGBT auto flash works on most digital cameras built-in flash.

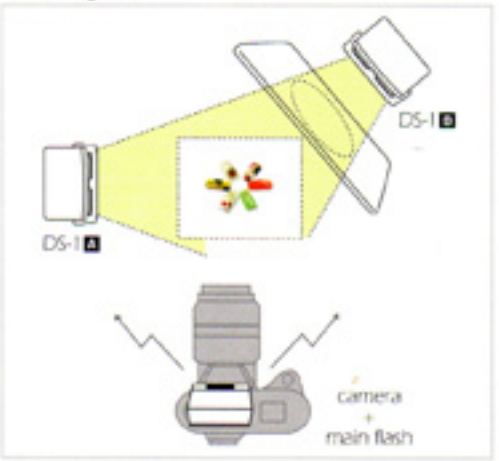
Photo sensor and computer circuit is programed to synchronize to pre-flash system, either.

Increasing the light intensity or light distribution range as well as lighting direction to the subject.

3 automatic exposure distance rages are provided.

One dial switch is all you have to operate the unit.

Example



Specifications

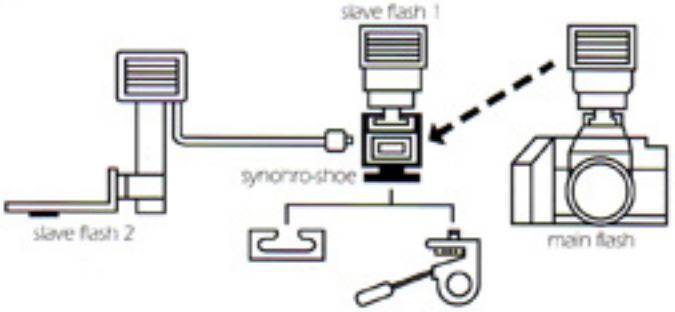
Guide Number	20 (ISO 100)
Number of flashes	70 flashes at manual full power
Recycle time	8 seconds at manual flash mode
Power source	2 x AAA(LR03) batteries
Synchronization to the camera	Slave sensor
Automatic mode	3 F-stops (F2.8, and F4 and F5.6 at ISO 100)
Indication Lamp	LED
Dimensions (W x H x D)	54mm x 80mm x 31mm
Weight	90g without batteries
Accessory	Wide Angle Diffuser for 24mm and camera holding bracket

Result from example

Synchro-Shoe

Hotshoe or synchro cord connectable wireless remote synchro slave unit with tripod screw hole and shoe-mount foot.

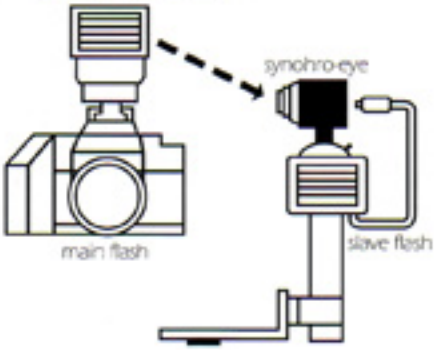
How to use:



Synchro-Eye

Wireless remote synchro slave unit with PC cord connector and suction cup.

How to use:



Digital Flash Quick Reference

	Speedlite 622	Speedlite Di481	Speedlite Di255	DS-1
Guide Number (ISO200)	62 at 105mm	48 at 85mm	25	28
Power source	4 x AA batteries	4 x AA batteries	2 x AAA batteries	2 x AAA batteries
Recycle time	6 sec	6 sec	8 sec	8 sec
Nicd battery possibility	Yes	Yes	Yes	Yes
Number of flashes	200	180	70	70
Auto power off	Yes	Yes	Yes	No
Sleep mode	Yes	No	No	No
Slave function	Yes	No	No	Yes
Auto system	TTL	TTL	TTL	3 distance selection
Exp verification	In camera's view finder	LED	LED	No
Power ratio	6 steps	No	No	No
Light distribution	24mm~105mm	28mm~85mm	35mm, 24mm with diffuser	35mm, 24mm with diffuser
Camera connection	Dedicated shoe	Dedicated shoe	Dedicated shoe	Camera bracket with accessory shoe
AF assist illumination	Yes	Yes	Yes	No
Bounce light	Yes (Vertical & horizontal)	Yes (Vertical)	No	No
Zoom head	Power zoom	Manual zoom	No	No
Test flash button	Yes	Yes	Yes	Yes
Compatible cameras	Canon digital cameras for ETTL, ETTLII Nikon digital cameras for iTTL			All digital cameras with flash built-in
Dimensions (W x H x D)	74mm x 130mm x 90mm	72mm x 98mm x 80mm	54mm x 80mm x31mm	54mm x 80mm x31mm
Weight w/o batteries	330g	220g	90g	90g

SPEEDLITE Series

Di622

Di481

Di255

DS-1

Guid number at ISO 200

ETTL auto exposure for Canon digital camera

i-TTL auto exposure for Nikon digital camera

Power zoom flash head

Manual zoom flash head

AF active assist light

Manual power ratio

Power off or Sleep mode for battery energy saving

Bounce lighting

Wireless remote slave flash function

Catch light reflector

Wide angle diffuser

Red eye reduction (Nikon)

High speed shutter synchronization

Handling easy with few keys

External automatic exposure

Nissin

The art of light

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